



DEVELOPMENT SERVICES DEPARTMENT

77 FAIR DRIVE, COSTA MESA, CA 92626

BUILDING DIVISION | (714) 754-5273

Monday – Friday | 8 a.m. to 5 p.m.

Project Address: _____ **Suite/Unit:** _____

Activity Number: _____ **Received By:** _____

Homeowner Association? ☐ YES (Approval letter from HOA required) ☐ NO

Existing Chain Link Fence ☐ YES ☐ NO; **Owner Occupied?** ☐ YES ☐ NO

Description of work to be performed: (please be specific) _____

Sq. Footage: _____ **Type of Const:** _____ **Valuation:** _____

Occupancy Type: _____ **Occupant Load:** _____ **Grading:** Cut/Fill _____ cubic yds.

Owner/Tenant: _____ **Phone No.:** _____

Address: _____ **Suite/Unit:** _____

City: _____ **State:** _____ **Zip:** _____

Email: _____

Applicant/Agent: _____ **Phone No.:** _____

Address: _____ **Suite/Unit:** _____

City: _____ **State:** _____ **Zip:** _____

Email: _____

Architect/Eng.: _____ **Reg. No.:** _____ **Phone No.:** _____

Address: _____ **Suite/Unit:** _____

City: _____ **State:** _____ **Zip:** _____

Email: _____

Contractor: _____ **Phone No.:** _____

Address: _____ **Suite/Unit:** _____

City: _____ **State:** _____ **Zip:** _____

Email: _____

State License No.: _____ **Class** _____ **Expiration:** _____

Workman's Comp. Policy No.: _____ **Expiration:** _____

Insurance Company: _____

(SEE BACK FOR ITEMIZED MECHANICAL, ELECTRICAL AND PLUMBING)

MECHANICAL		QTY.			QTY.	
Forced Air Unit < 100K BTU				Absorption Unit Repair / Alter		
Forced Air Unit > 100K BTU				Refrigeration Unit - Repair / Alter		
Repair / Alter Cooling / Heating				Evap Cooler (non – port)		
Inst Relocate Recessed Wall Heat				ABS Unit		
Refrig Sys < 100K BTU				Up to 3 HP		
Refrig Sys > 100K BTU				3 to 15 HP		
Mech Gas Piping				15 to 30 HP		
Factory Fireplace				Boiler/Comp		
Hood w/duct and mech Exhaust				Up to 3 HP		
VAV Box				3 to 15 HP		
Vent Fan to a single Duct				15 HP to 30 HP		
Appliance not in other category				Over 30 HP		
Smoke Damper				Misc. Mechanical		
Fire Damper				Mechanical Fees		
Appliance Vent install / relocate				Issuance Fee		
Air Handler 0-10K CFM				Plan Check – Hours		
Air Handler > 10K CFM				Mech Reinspection		
Floor Furnace with ducting				Investigation Fee		
				Total Mechanical Fee		
ELECTRICAL		QTY.		QTY.		
Temp Svc Pwr					MISC ELECTRICAL	
Res A/C Pkg					Communication Drops	
New Res 1-2 Unit s.f.					Sub Panel to 200 amps	
New Res 3+ Unit s.f.					TRANSFORMERS/POWER APPARATUS	
Pool Spa Electrical			Up to 1 KVA / KW			
Lighting Fixtures			Up to 10 KVA / KW			
Recept/Outlets			Up to 50 KVA / KW			
Switches			Up to 100 KVA / KW			
			Over 100 KVA / KW			
Non Res Appl <1hp			SPECIAL EVENT			
Res Appl <1 HP			Pole Light Package			
SERVICE			Low Voltage Equipment			
Svc600v / 200 amp			Miscellaneous Equipment			
600v /1000 amp			Other			
Over 600v / 1000 amp			Electrical Permit Fees			
MOTORS			Issuance Fee			
To 1 HP			Violation			
To 10 HP			Plan Check (Hours)			
To 50 HP			Reinspection Fee			
To 100 HP			Total Electrical Fee			
PLUMBING		QTY.	QTY.		QTY.	
BackFlow Irrigation					Trap Primer	
BackFlow Preventer					Urinal	
Bath Tub					Vacuum Breaker	
Clarifyer System				Wash Basin		
Connect Coffee, Ice				Waste and Vent		
Dental Units				Water Closet		
Dishwasher				Water Heater		
Drain Floor				Water Piping Inst/Re		
Drain Rainwater				Water Repipe		
Drain Roof				Water Service		
Drinking Fountain				Water Softener		
Expansion Tank				Other		
Gas Earthquake Valve						
Gas Outlet (1-4)				Plumbing Fees		
Gas Outlet 5+				Issuance Fee		
Gas Repipe				Plan Ck (Hours)		
Gas Service				Reinsp Fee		
Interceptors - Grease				Investigation Fee		
Interceptors - Sand				Total Plumbing		
Landscape Irrigation						
Laundry Tub/Washer						
P-Trap						
Pressure Regulator						
Process Piping						
Receptors						
Septic Tank						
Sewer Cap / Demo						
Sewer Connect						
Sewer Private Line						
Shower						
Sink Bar						
Sink Commercial						
Sink Floor						
Sink Kitchen						
Sink Service Mop						
SPA						
Sump Pump						
Swim Pool						



ELECTRIC VEHICLE SERVICE EQUIPMENT OVER THE COUNTER PERMIT WORKSHEET

This worksheet may be used to obtain an electrical permit to install Electric Vehicle Service Equipment (EVSE) in a garage or carport serving a single family home, or within a private garage serving a condominium provided the electrical service or subpanel serving the installation is rated for 100 amps or more.

Note:

1. Permits for battery chargers or EVSE installations within common area garages or parking areas require a plan to be submitted for review.
2. installations served by an electrical service of subpanel rated for less than 100 amps cannot be permitted using this worksheet as justification, using the Standard Method of Part III Feeders and Service Load Calculations of Article 220 of the California Electrical Code is required.

PROJECT ADDRESS

THE PROPOSED INSTALLATION WILL SERVE (CHECK ONE)

☐ **SINGLE FAMILY DWELLING;** The location of the EVSE is within a private garage or carport.

☐ **CONDOMINIUM;** The location of the EVSE is within a private garage.

ELECTRIC SERVICE (Check the size of the electric service or subpanel serving the proposed installation)

☐ 100 AMPS ☐ 200 AMPS ☐ OTHER; Specify:

ELECTRIC VEHICLE SERVICE EQUIPMENT - The EVSE must be listed and installed per its listing and rated for outdoor use if not within an enclosed garage.

EVSE NAMEPLATE RATING (CHECK ONE)

☐ 20 AMPS/120 VOLTS ☐ 20 AMPS/240 VOLTS ☐ 40 AMPS/240 VOLTS

If the service size is 100 amps or greater, and the EVSE does not exceed 20 amps, no additional information is necessary.

If the EVSE exceeds 20 amps, complete the following EVSE LOAD CALCULATION WORKSHEET to demonstrate the current electrical service or subpanel capacity is sufficient.

SIGNATURE

DATE

PRINT NAME



EVSE LOAD CALCULATION WORKSHEET

PROJECT ADDRESS

GENERAL LIGHTING LOAD

	Your home's square footage	_____	x 3 VA=	_____
Small appliance branch circuits (2 min.)	1500 VA x	_____	circuits	_____
Laundry circuit	1500 VA x	_____	circuit(s)	_____

APPLIANCES & EQUIPMENT - Values are minimums, use actual values if known to be greater. Enter N/A if not present at project site.

Garage door opener	800	_____
Microwave (in dedicated space)	1300	_____
Compactor	1000	_____
Dishwasher	1200	_____
Disposal	800	_____
Proposed EVSE circuit	Manufactures wattage x 125%	_____
Pool/Spa pump 1 horsepower	1920	_____
Pool/Spa pump 1.5 horsepower	2400	_____
Pool/Spa pump 2 horsepower	2880	_____
FAU	1200	_____
_____		_____
_____		_____
_____		_____
Attach additional sheets if needed.		

	Subtotal (A)	_____
Subtotal (A) minus 10,000 VA	x 0.40 =	_____
		plus 10,000
	Subtotal (B)	_____
Total A/C load, use nameplate rating or A/C circuit breaker rating (C)		_____
	D=(B) + (C)	_____

Total demand is $D / 240V =$ _____ amps. If this value is less than the rating of the existing electrical service or subpanel **NO** service or subpanel upgrade is necessary. If the value is greater, an EVSE permit may only be issued if a panel upgrade is included with the work; a subpanel upgrade requires a plan submittal.

PLAN CHECKER NOTES